

# **Recruitment Rules for the Post of Senior Scientific Officer.**

**(Tripura State Forensic Science Laboratory, Under The Home Department,  
Govt. of Tripura)**



# TRIPURA GAZETTE

*Published by Authority*

## EXTRAORDINARY ISSUE

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*Agartala, Tuesday, June 2, 2020 A. D., Jyaishta 12, 1942 S. E.*

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**PART--I-- Orders and Notifications by the Government of Tripura,  
The High Court, Government Treasury etc.**

### GOVERNMENT OF TRIPURA HOME DEPARTMENT

NO.F.47(5)-PD/2013/1435(i)

Dated, Agartala, the 30th May, 2020.

#### NOTIFICATION

In exercise of the power conferred by proviso to article 309 of the Constitution of India, the Governor of Tripura in consultation with the Tripura Public Service Commission is hereby pleased to make the following rules regulating the method of recruitment to the post of Senior Scientific Officer (Lie Detection Division), Group-A, Gazetted of Tripura State Forensic Science Laboratory under the Home Department, namely:-

**1. Short title & commencement:-**

- (1) These rules may be called "Recruitment Rules, 2020" for the post of Senior Scientific Officer (Lie Detection Division), Group-A, Gazetted of Tripura Forensic Science Laboratory under Home Department.
- (2) They shall come into force on the date of their publication in the Official Gazette.

**2. The name of the post(s) shall be as specified in Column-I of the Schedule annexed hereto.**

**3. Number, Classification and scale of pay:-**

The number of the said post, its classification and the scale of pay attached thereto shall be as specified in Column-2 to 4 of the Schedule annexed hereto.

**4. Method of recruitment, age limit, qualifications etc:-** The method of recruitment to the said post, age limits, qualifications and other matters relating to the said post shall be as specified in column-5 to 13 of the said schedule.

**5. Disqualification** No person-

- (a) who has entered into or contracted a marriage with a person having spouse living;

OR

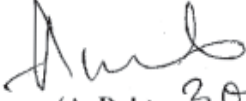
- (b) who, having a spouse living, has entered into or contracted a marriage with any person, shall be eligible for appointment to the said post:-

Provided that the State Government may, if satisfied that such marriage is permissible under the personal law applicable to such person and the other party to the marriage and that there are other grounds for so doing, exempt any person from the operation of this rules.

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6. **Power to relax:-** Where the State Government is of the opinion that it is necessary or expedient to do so, it may, by order, for reasons to be recorded in writing and in consultation with the Tripura Public Service Commission, may relax any of the provisions of these rules with respect to any class or category of persons.
7. **Saving:-** Nothing in these rules shall effect reservations, relaxation of age limit and other concessions required to be provided for Scheduled Castes, the Scheduled Tribes, Ex-servicemen and other special categories of persons in accordance with the orders issued by the State Government from time to time in this regard.
8. **Interpretation:-** If any question arises relating to the interpretation of these rules, it shall be referred to Home Department, Government of Tripura, whose decision thereon shall be final.

By order of the Governor,

  
(A. Deb) 30/5/2020

Deputy Secretary to the  
Government of Tripura

**Recruitment Rules for the post of Senior Scientific Officer (Lie Detection Division) of  
Tripura State Forensic Science Laboratory under Home Department, Government of  
Tripura**

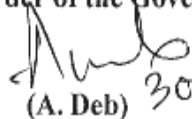
**SCHEDULE**

1.	Name of the post(s):	Senior Scientific Officer ( Lie Detection Division), Tripura State Forensic Science Laboratory.
2.	Number of post (s):	1(one) plus additional post(s) as and when created.
3.	Classification:	Group-A Gazetted.
4.	Scale of pay:	Level-14 of Tripura State Pay Matrix-2018 (Pre-revised PB-4, Rs.15,600-39,100/-, Grade Pay Rs.5400/-) subject to revision by the State Government from time to time.
5.	Method of recruitment whether: by direct recruitment or by promotion or by deputation/transfer and percentage of the vacancies to be filled by various methods:	<b>100% by direct recruitment through TPSC.</b> Selection is to be made on the basis of written examination followed by interview in which the marks distribution for written test and interview have been made following the New recruitment policy for Group-A posts under administrative control of Govt of Tripura notified vide letter No.F.20(1)-GA(P&T)/18, date: 05/06/2018. Scheme of examination for recruitment along with the syllabus and marks distribution for written examination & interview are enclosed in Annexure-A.
6.	Age limit for direct recruitment:	Age not less than 18 years and not more than 40 years. Relaxable by 5 years in case of ST/SC/PH and Government servants.
7.	Educational and other qualifications required for direct recruitment:	<b>Essential:-</b> Post Graduate degree in Psychology with 50% marks. Or Post Graduate Degree in Forensic Psychology with 50% marks from any recognized University.  <b>Desirable:-</b> Two years research experience in the field of Psychology/Forensic Psychology.
8.	Whether age and educational qualification prescribed for direct recruitment will apply in case of promotees:	Not applicable
9.	Whether Selection post or Non-Selection Post:	Selection
10.	Period of probation, if any:	2(two) years.
11.	In case of recruitment by promotion/deputation/transfer/ Grade from which promotion/transfer/deputation is	Transfer on deputation:- From analogous post of State/Central Government Department.

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	to be made.	
12.	If a D.P.C exists, what is its composition:	Not applicable
13.	Circumstances in which TPSC is to be consulted in making recruitment.	As required under Tripura Public Service Commission (Exemption from Consultation) Regulations, 1973.
14.	Repeal	The existing Recruitment Rules for the post of Senior Scientific Officer vide Notification No.F.47(5)-PD/2014 dated 17 <sup>th</sup> March, 2015 is hereby stand repealed.

By order of the Governor,

  
(A. Deb) 30/5/2020

Deputy Secretary to the  
Government of Tripura

Annexure-A

**SCHEME OF EXAMINATION FOR THE POST OF SENIOR SCIENTIFIC OFFICER (LIE DETECTION), STATE FORENSIC SCIENCE LABORATORY, TRIPURA**

Full marks: 200

(Marks allotted for Interview=20 & Marks allotted for written Test= 180)

Pattern of questions for written Test: Multiple Choice Question (MCQ)

There will be Negative mark for MCQ.

Distribution of marks for written Test:

Sl. No.	Items	Marks allotted
1	English Language	30
2	General knowledge	30
3	Subject matter	120

**(1) Syllabus for English Language:** Question on English language will cover Synonyms, Antonyms, use of common Phrase & Idioms., use of appropriate Prepositions and Articles, Comprehension, Ordering of words in a sentence , Ordering of sentences, spotting of errors, use of appropriate and qualifying words etc.

**(2) Syllabus for General Knowledge:** General knowledge with special reference to Tripura and North Eastern States

**(3) SYLLABUS FOR SUBJECT MATTER (Lie Detection):**

**Learning :** Classical conditioning, Operant conditioning, observational learning, cognitive learning, theories: Tolman, Seligman and Kohler

**Memory :** Processes of memory Encoding, storage, Retrieval, models of memory, Stages of memory: sensory memory, STM, LTM. Forgetting : Theories, improving memory

**Thinking :** concepts, making decisions, problem solving, Reasoning, Creative thinking

**Perception:** Pattern Recognition, Visual Pattern Recognition, Bottom- Up versus Top- Down processing, Template Matching, Feature Analysis, Prototype Matching, The role of the perceiver in pattern recognition

**Attention:** Nature of attention, Bottleneck theories of attention, Filter theory, Attenuation theory and late selection theory, Alternative to filter theories – Capacity models, demanding stimuli, and automaticity.

**Emotion :** Theories of emotion and Physiological changes during emotion

**Personality:** Theories of personality, Psycho-analytic-Freudian, Neo-Freudian, Modern Psychoanalytic theory, Behaviouristic, Humanistic,



**Intelligence:** Artificial intelligence, Theories of intelligence, Spearman, Gardner, Sternberg, Nature Vs. Nurture, Mental retardation, Giftedness

**Physiology:** Structure and function of Neuron, Structure and function of Central Nervous system: Brain and spinal cord, Structure and function of Autonomic Nervous system, Endocrine system,

Methods of studying Brain functions and cerebral localisations

**Concept of cognitive Psychology:** Origin and current status of modern cognitive psychology, Cognitive models, and the computer metaphor and human cognition

**Neurocognition:** Cognitive Psychology and Neuroscience, the nervous system- the neuron, the brain- anatomy of the brain, neuro-physiological sensing techniques, relationship between the left and right hemispheres.

**Perception:** (a) Perception of sensory signals, Sensation and Perception, Signal Detection

Theory, Perceptual span, Iconic and Echoic Storage, Functions of Sensory stores.

**Life Span Perspective on Heredity and Environment:** Genetics of Life Span Development and Environmental Influences, The working of Individual heredity, Studying Genetic and

Environmental influences- Genes, environment and individual differences in traits.

**Development of Perceptual Processes:** during Infancy, Childhood, Adolescence, and Adulthood. **Development of Intelligence, Creativity and Wisdom.**

**Development of Learning and Memory:** during infancy, childhood, adolescence and adulthood.

**Development of Self and Personality:** Theories of personality development (Freud and Erickson), Development of Personality through infancy, childhood, adolescence and adulthood, and development of the emotional self.

**Statistics:** Normal Probability Curve, Characteristics and Applications, Logic of Hypothesis Testing, Type I and Type II Errors, Power of Statistical Tests.

(b) 't' test, product moment correlation and simple regression.

(a) One way and Two way ANOVA, Randomized block design

(b) Multiple Comparisons - (Newman - Keuls, Tukey test, Scheffe test, Duncan's Multiple Range Test.)

Rank order correlation, Sign test, Median test, Chi-square test.

Mann - Whitney 'U' test, Kruskal - Wallis One way ANOVA, Friedman's Two - way ANOVA.

**Perspectives of Social Psychology:** Cognitive, multicultural, biological and evolutionary



**Attribution:** Understanding the causes of other's behaviour.

**Impression formations and management:** Combining and managing social information, basic aspects of social thought.

**Attitude:** Attitude Formation & Development; Change of Attitude, and Attitude Measurement.

**Interpersonal Attraction:** Interpersonal Attraction and Liking; Attachment and Interdependent Relationships

**Prejudice and discrimination:** (a) Definition and nature of prejudice and discrimination, how they differ, Origin of Prejudice, Prejudice based on gender- its nature & effect; (b) Countering, reducing and coping with prejudice.

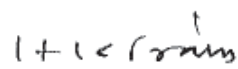
**Current paradigms on Psychopathology :** Biological, Psychoanalytic, humanistic, and existential, learning and cognitive

**Stress-** clinical reaction to stress, adjustment disorder, acute stress disorder, Dissociative disorder, treating stress related problems

**Personality disorder:** Eccentric behaviour, Paranoid, and schizoid personality disorder, Hysterionics and narcissistic disorder, anti-social behaviour, Treatment of personality disorder anxiety disorder,

**Applying Social Psychology to Media and Criminal Justice:** Introduction; How does Media Violence affect us? Does Political News Coverage Affect Us? The Crime and Criminal- The Social Psychology of a Crime, the Origin of Criminal Behaviour, The response to the Criminal Justice System- The Police Investigation, The Courtroom, and The Prison Setting.

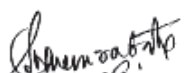
Syllabus for recruitment of Senior Scientific Officer(Lie-Detection Division), Tripura State Forensic Science Laboratory, Govt. of Tripura placed at Annexure-A have been approved by the following members of Syllabus committee.

  
(Dr. H. K. Pratihari)

(Member Pratihari)  
Director,  
State FSL, Tripura  
Govt. of Tripura

  
(Dr. Subhankar Nath)

Member

  
(Mr. Suman Kr. Chakraborty)

Member  
(SUMAN KR. CHAKRABARTI)  
Dy. Director (Chemistry Divn.)  
State Forensic Science Laboratory  
Government of Tripura.

  
(Dr. Sabyasachi Nath)

Member  
(DR. SABYASACHI NATH)  
Sr. Scientific Officer- cum- A.C.E.  
(Biology/Serology Division)  
State Forensic Science Laboratory  
Government of Tripura.

  
(Mr. Bapi Saha)

Member  
BABI SAHA  
Forensic Digital Analyst  
Cyber Division, State F.S.L.  
Govt. of Tripura.

  
(Dr. Ajitesh Pal)

Member  
(DR. AJITESH PAL)  
Scientific Officer(Physics/Ballistics Div)-cum-  
Assistant Chemical Examiner to Govt. of Tripura  
Tripura State Forensic Science Laboratory, Narsing, Jh-15  
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